

# Answers

$$y = x + 9 \quad (3, -1)$$

$$m = 1$$

$$y = mx + b$$

$$-1 = 1(3) + b$$

$$-1 = 3 + b$$

$$\begin{array}{r} -3 \\ -3 \end{array}$$

$$-4 = b$$

$$\boxed{y = x - 4}$$

$$y - y_1 = m(x - x_1)$$

$$y + 1 = 1(x - 3)$$

$$\begin{array}{r} y + 1 = x - 3 \\ -1 \quad -3 \end{array}$$

$$\boxed{y = x - 4}$$